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**From:** CN=Karen Schwinn/OU=R9/O=USEPA/C=US  
**Sent:** Sat 12/3/2011 12:14:47 AM  
**Subject:** Fw: Workshop proposal on Estuarine Habitat  
Estuarine Habitat Workshop BH 11.29.11.docx

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**From:** Bruce Herbold/R9/USEPA/US  
**To:** lgrober@waterboards.ca.gov  
**Cc:** Karen Schwinn/R9/USEPA/US@EPA  
**Date:** 12/02/2011 03:19 PM  
**Subject:** Workshop proposal on Estuarine Habitat

Hi Les,

As one of the actions inspired by our ANPR we are considering holding a workshop to address the nature of "Estuarine Habitat." We have some money to support some ANPR actions and this seems like a useful revisit to a lot of the thought that supported the X2 standard in D-1640. Attending those X2 workshops in 1991 was one of my first duties as an EPA employee and I found them very useful. Without recommending policy, those workshops gave a solid scientific basis upon which to base new water quality standards

Now we have much more information on X2, more advanced modeling tools, better understanding of the ecosystem dynamics of the low salinity zone, and an appreciation for how other factors can degrade estuarine habitat. So a revisit seems overdue after 20 years and a timely way to lay some groundwork for the Board's impending work.

Attached is a draft scope of work, agenda, and attendee list. Please let me know whether this does seem useful to you and how we could improve it to better support the Board's process.

thanks

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"If 90% of the ideas you generate aren't absolutely worthless, then you're not generating enough ideas". --

Michael Artin